



**1. Water will boil at 180 degrees Fahrenheit.**

True or False?

**2. Steam is invisible.**

True or False?

**3. Your body is about 75% water.**

True or False?

**4. One oxygen atom and two hydrogen atoms can form a water molecule.**

True or False?

**5. Taking a shower uses about 8 – 10 gallons of water.**

True or False?

**6. A person should drink 64 ounces of water a day.**

True or False?

**7. Water is the only substance on Earth that is naturally present in 3 forms – solid, liquid, and gas.**

True or False?

**8. 85% of the water on Earth is in the salty oceans.**

True or False?



**9. It takes 10 gallons of water to  
produce 1 can of soda.**

True or False?

**10. The toilet uses 30% of your  
home's water.**

True or False?

**11. Water is the most common  
substance on Earth.**

True or False?

**12. It takes 115 gallons of water to  
grow enough wheat to make a  
loaf of bread.**

True or False?

**13. The average American uses 30  
gallons of water a day in their  
home.**

True or False?

**14. An Aquifer is a ground water  
reservoir.**

True or False?

**15. All rivers flow into the ocean.**

True or False?

**16. Pumping water from far away  
rivers and streams is the best  
solution to make sure everyone  
has water.**

True or False?



**17. Wetlands serve no benefit to the ecosystem.**

True or False?

**18. In California, 20% of energy is used to move, treat, deliver, use and discharge water.**

True or False?

**19. Watering the lawn with more water, but less often, saves water.**

True or False?

**20. Your brain is  $\frac{3}{4}$  water.**

True or False?

**21. About 15% of indoor home water use comes from doing laundry.**

True or False?

**22. Washing a car uses about 100 gallons of water.**

True or False?

**23. The prefix “hydro” means water.**

True or False?

**24. Taking a bath is more efficient than taking a shower.**

True or False?



**25. It takes 2,000 gallons of water to  
manufacture a car.**

True or False?

**26. Recycling doesn't save any  
water.**

True or False?

**27. Water can flow uphill.**

True or False?

**28. There would be no life on Earth  
if we did not have water.**

True or False?

**29. It is best to mow the lawn when it  
is hot and windy.**

True or False?

**30. Approximately 100 billion gallons  
of water are used in United  
States every day.**

True or False?

**31. The water required to make a  
laptop could wash about 70  
loads of laundry in a standard  
machine.**

True or False?

**32. Americans use more water each  
day by flushing the toilet than  
they do for any other activity.**

True or False?



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## Water Facts – Answer Key

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1. False\* - at sea level water boils at 212 degrees F. The boiling point of water decreases as air pressure decreases. High in the mountains water will boil at a lower temperature.
2. True – steam is invisible! The vapor seen is condensed water. Steam would be the invisible portion of the air between the tea kettle and the vapor cloud.
3. True or False! – books list the percentage anywhere from 60% - 90%.
4. True – H<sub>2</sub>O – however, it is very rare to find a single water molecule.
5. False – 15-30 gallons are used
6. True
7. True
8. False – 97% is in the salty oceans.
9. True
10. False – 40% is used
11. True
12. True
13. False – 50 gallons per day, but that is only counting direct use. Counting indirect use it is 370 gallons a day!
14. True
15. False – 1 in 4 rivers do NOT flow into the ocean!
16. False – it takes a lot of resources to create the energy to pump water (coal, electricity, gas), the water from the source will eventually dry up, and it heats up our atmosphere, creating CO<sub>2</sub>.
17. False – wetlands help remove pollution, reduce flood damage by acting as buffers, allow water to absorb into the earth for later use, and are a nursery for many important plants and animals.
18. True
19. True – if you water it long enough to seep down to the roots, it won't just evaporate.
20. True
21. False – about 22%
22. True\* - if you leave the hose running
23. True
24. False – filling up a bathtub takes about 70 gallons of water, so showers are generally the more water-efficient way to bathe.
25. False – it takes 100,000 gallons to manufacture a car
26. False – recycling a pound of paper, less than a newspaper, saves about 3.5 gallons of water. Buying recycled paper products saves water too, as it takes about 6 gallons of water to produce a dollar worth of paper.
27. True – in capillary action in plants, water molecules are attracted to one another and are pulled up to the top of the plant!
28. True
29. False – much of the water will evaporate and the water will not reach the plant's roots.
30. False – about 400 billion gallons are used each day!
31. True
32. True



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## Water Facts – Answer Sheet

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